Addendum to the Stationary Sources and Science Advisory Subcommittee Recommendations to the Air Toxics Advisory Committee
Revision of June 21, 2007

The Maine DEP and Science Advisory Subcommittee developed a revised air toxics inventory at the same time that the Stationary and Mobile Subcommittees were evaluating air toxic reduction options. MEDEP did not complete this revised inventory until June 21, 2007. The revised inventory included a significant increase in the estimated air toxic releases from residential wood combustion. Since this information was not available until recently, the Stationary Sources Subcommittee did not conduct a detailed evaluation of reduction alternatives for this source category.

Therefore, the Stationary Sources Subcommittee believes that the ATAC should recommend that the MEDEP explore low-cost or no-cost reduction alternatives for air toxics from Residential Wood Combustion. Since this source category is also a relatively large source of some Criteria Air Pollutants, but can be low in terms of net Green House Gas emissions, this evaluation should be done on a multi-pollutant basis. DEP should consult stakeholders as it evaluates low-cost/no-cost alternatives, preferably through existing stakeholder groups working on Green House Gas reductions. Alternatives that MEDEP should consider include:

1. Education and outreach on proper stove use, maintenance, and the fuel savings achievable with the lower emitting stoves;
2. Woodstove change-out programs that promote use of cleaner existing home heating technologies, including how tax incentives could be used;
3. Promotion of new home-heating technologies based on cleaner burning fuels that are derived from wood or other renewable resources.

Additionally, the Science Advisory Subcommittee believes that the ATAC should recommend that the MEDEP continue to refine the emissions inventory of Residential Wood Combustion. MEDEP should undertake additional surveys to determine the amount of wood burned for residential heating in Maine. Additionally, MEDEP should encourage EPA to develop a complete set of accurate emission factors for this important source category.